

Second Phone Line Kit Manual for sx1480/fx2080

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Regulatory information

Users in United States of America

This equipment complies with Part 68 of FCC rules and the requirements adopted by the ACTA. On the rear panel of this equipment is a label that contains, among other information, a product identifier in the format US:MGFA02B003C (for sx1480), US:IMGFA02B004C (for fx2080). If required, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:IMGFA02B003C (for sx1480), US:IMGFA02B004C (for fx2080). The digits represented by 02B are the REN without a decimal point.

Your fax is designed for use on standard-device telephone lines. The fax connects to the telephone line with a standard line called the USOC RJ-11C.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

If the equipment sx1480/fx2080 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with the equipment sx1480/fx2080, see operating instructions for details. For further repair or warranty information, please contact Imagistics National Diagnostic Center at 1-800-243-5556). If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone

line, ensure the installation of the sx1480/fx2080 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment is hearing aid compatible.

When programming emergency numbers and/or making test calls to emergency numbers:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call.
- 2) Perform such activities in the off-peak hours, such as early morning or late evenings.

To protect your product against power surges, we recommend the use of a power protection device (Surge arrestor).

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

For instructions on programming this information into your FAX machine, see “Entering settings” on pages 1-2 to 1-17 of this manual.

FCC Part 15

This equipment has been tested and found to comply with the limits for a Class A digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Users in Canada

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications.

NOTICE: The Ringer Equivalence Number (REN) for this terminal equipment is 0.2. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

Canadian ICES-003

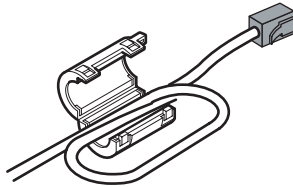
This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

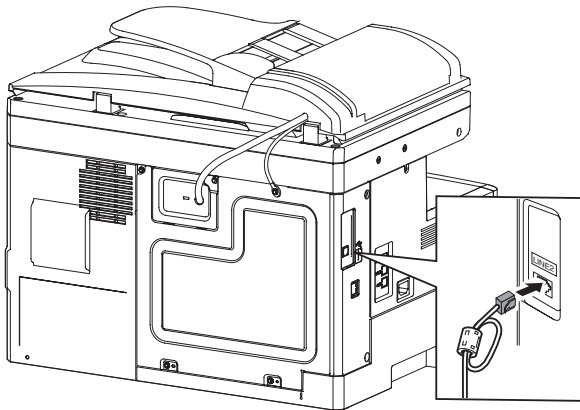
Setting up

Connecting the telephone line cable

- 1 Loop the telephone line cable and attach the ferrite core as shown. The cable loop should be about 5.1 cm (2 inches) from the end. The ferrite core is supplied with the second phone line kit.



- 2 Plug one end of the telephone line cable into the "Line2" jack on the machine. Plug the other end of the cord into a standard telephone wall jack.



Entering settings

The following table lists the settings should be set when the second phone line (Line 2) has been installed. You can set these settings by using the User install mode described from page 1-3.

Settings	Description
Comm. Line type (Phone type)	Set the appropriate dialing type needed for the fax machine, either “Tone” or “Pulse”.
Dial Tone detection	If you select “On”, the machine does not dial until it detects a dial tone from the exchanger with which the machine is connected. However, there is a situation the machine may not dial although it acquires a dial tone because it is difficult to correspond to all of various dial tones. In this case, turn off the dial tone detection.
TTI (Transfer Terminal Identifier)	Three types of sender names can be registered, each containing up to 22 characters.
Default TTI (Usual TTI)	Select the TTI that will be used most often. The selected TTI will be printed at the top of every page you send with your fax number.
TTI Number (Your fax number)	The registered fax number will be printed at the top of every page you send with the standard TTI. Up to 20 digits can be registered.
Transmit Line Mode (Line Mode)	Select according to your usage requirement. When you choose “Auto Select”, the machine will select the line automatically for all transmissions. When you choose “Manual Select”, you can select the line for each transmission.
Tx/Rx	Select either “Tx/Rx (sending and receiving)”, “Rx (receive only)” or “Tx (transmission only)” to determine how the telephone line will be used.
PSTN/PBX (Line Type)	Select the line type from “PSTN” or “PBX”. When the line is connected to outside line directly, select “PSTN”. When the line is connected to an extension exchanger, select “PBX”.

NOTE: Regarding the fax reception mode, you can select either Fax ready, Fax/Tel ready, Tel/Fax ready, Ans./Fax ready or Tel ready for the Line 1 only. For the Line 2, it is fixed to Fax Ready and you cannot change it.

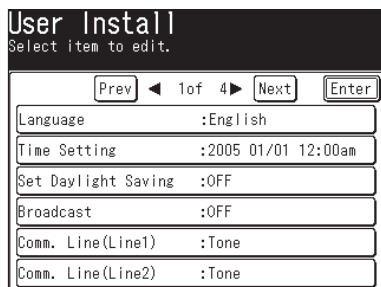
For fx2080 users

❑ Opening the User Install menu display

1 Press [Setting] button on the control panel.

2 Press [User Install].

The User Install menu will appear.



3 Set each setting.

The following table shows the referring page of each setting.

Settings	Referring page
Comm. Line	Page 1-4
DialTone Detect	Page 1-5
TTI Enter/Edit	Page 1-6
Default TTI	Page 1-7
TTI Number	Page 1-8
Transmit Line Mode	Page 1-9
Tx/Rx	Page 1-10
PSTN/PBX	Page 1-11

4 After registering the settings, press [Reset] button to return to the standby.

❑ Comm. Line setting

Select the dialing type, either “Tone” or “Pulse” for each phone line.

- 1 Open the User Install menu. (Refer to page 1-3.)
- 2 To set the dialing type for the Line 1, press [Comm. Line(Line1)].
To set the dialing type for the Line 2, press [Comm. Line(Line2)].
- 3 Select the appropriate dialing type.



- 4 Press [Enter] to save the setting.

❑ Dial tone detection setting

To set the dial tone detection:

- 1 Open the User Install menu. (Refer to page 1-3.)
- 2 Press **Next**.
- 3 To set the dial tone detection for the Line 1, press **[DialTone Detect(Line1)]**.
To set the dial tone detection for the Line 2, press **[DialTone Detect(Line2)]**.
- 4 Select “ON” or “OFF”.



If you select “ON”, the machine does not dial until it detects a dial tone from the exchanger with which the machine is connected. However, there is a situation the machine may not dial although it acquires a dial tone because it is difficult to correspond to all of various dial tones. In this case, turn off the dial tone detection.

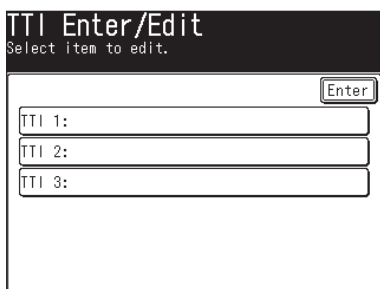
- 5 Press **[Enter]** to save the setting.

❑ Registering the TTI

Three types of TTI can be registered.

To register the TTI:

- 1** Open the User Install menu. (Refer to page 1-3.)
- 2** Press **Next**.
- 3** Press **[TTI Enter/Edit]**.
- 4** Select “TTI 1”, “TTI 2” or “TTI 3” you want to register and press **[Enter]**.



- 5** Enter a name (ex. company name) as your TTI.
- 6** Press **[Enter]** to save it.

❑ Default TTI setting

Select the default TTI for each phone line.

To select the default TTI:

- 1** Open the User Install menu. (Refer to page 1-3.)
- 2** Press **[Next]**.
- 3** To set the default TTI for the Line 1, press **[Default TTI(Line1)]**.
To set the default TTI for the Line 2, press **[Default TTI(Line2)]**.
- 4** Select TTI you want to set as the standard TTI.

User Install
Select the Default TTI for line 2
and press [Enter].
Default TTI(Line2) [Back] [Enter]
1:Sales division
2:Service division
3:Customer support

- 5** Press **[Enter]** to save the setting.

❑ Registering TTI number

Register the TTI number (your fax number) for each phone line.

To register the TTI number:

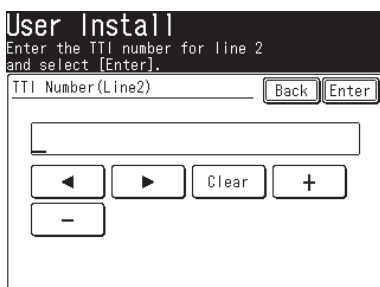
1 Open the User Install menu. (Refer to page 1-3.)

2 Press **[Next]** twice.

3 To register the TTI number for the Line 1, press **[TTI Number(Line1)]**.

To register the TTI number for the Line 2, press **[TTI Number(Line2)]**.

4 Use the numeric key to enter the TTI number.



The screenshot shows a screen titled "User Install" with the instruction "Enter the TTI number for line 2 and select [Enter]". Below the instruction is a label "TTI Number(Line2)" next to a text input field. To the right of the input field are two buttons: "Back" and "Enter". Below the input field is a large empty rectangular box. At the bottom of the screen are five buttons: a left arrow, a right arrow, "Clear", a plus sign, and a minus sign.

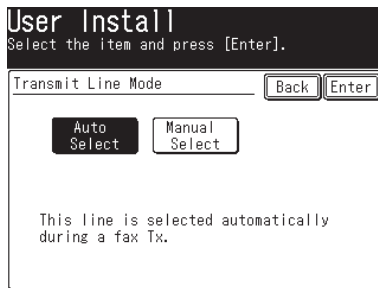
5 Press **[Enter]** to save the setting.

❑ Transmit line mode setting

This setting determines whether the Line 1 and Line 2 should be chosen automatically or manually.

To set transmit line mode:

- 1 Open the User Install menu. (Refer to page 1-3.)
- 2 Press **Next** twice.
- 3 Press **[Transmit Line Mode]**.
- 4 Select **[Auto Select]** or **[Manual Select]** and select **[Enter]**.



- 5 When you select **[Manual Select]**, the machine will prompt you to set the main line. Select the main line that will be used if you do not specify the line manually at the transmission and press **[Enter]**.

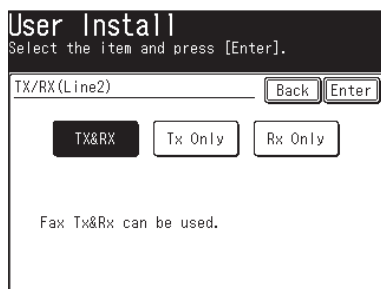


□ Tx/Rx setting

NOTE: This setting is not available when [Manual Select] was selected in the Transmit line mode setting (page 1-9).

To set Tx/Rx setting:

- 1 Open the User Install menu. (Refer to page 1-3.)
- 2 Press **Next** twice.
- 3 To set the Tx/Rx setting for the Line 1, press [TX/RX(Line1)].
To set the Tx/Rx setting for the Line 2, press [TX/RX(Line2)].
- 4 Select either “TX/RX”, “TX only” or “RX only”.



TX/RX — The line will be used for sending and receiving.
TX only — The line will be used only for sending.
RX only — The line will be used only for receiving.

- 5 Press [Enter] to save the setting.

❑ PSTN/PBX setting

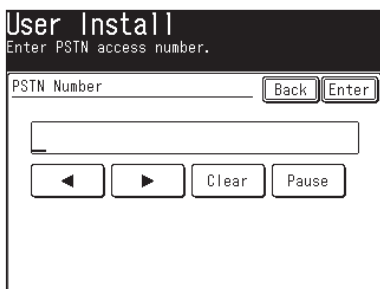
NOTE: This setting is not available when [Manual Select] was selected in the Transmit line mode setting (page 1-9).

To set PSTN/PBX setting:

- 1 Open the User Install menu. (Refer to page 1-3.)
- 2 Press **[Next]** twice.
- 3 To set the PSTN/PBX setting for the Line 1, press [PSTN/PBX(Line1)].
To set the PSTN/PBX setting for the Line 2, press [PSTN/PBX(Line2)].
- 4 Select either “PSTN” or “PBX”, and then press [Enter].
When your line is connected to a PBX (private branch exchanger), select [PBX].



- 5 When you select [PBX], the machine will prompt you to enter the PSTN access number. If your line is able to reach an outside line, enter a certain number – 9, for example – to access a PSTN from the PBX. If your PBX does not need an access number to make a PSTN call (to reach an outside line), press [Enter] without entering an access number.



- 6 Press [Enter] to save the setting.

For sx1480 users

By “User Install mode”, you can set continuously the settings that should be set when the second phone line (Line 2) has been installed.

If you press [Reset] during setting up, the machine returns to Standby mode. But it will keep the settings you saved by pressing [Enter].

To start the User Install mode:

- 1 Press [Menu], [9].

[Program]	No.9
9 User Install	

□ Dial tone detection setting

- 2 Press [Enter] repeatedly until the following display appears.

DialTone Detect1:Off
▼/▲/Enter

- 3 Press [⏏] or [⏏] to select “On” or “Off” for the Line 1, then press [Enter] to save the setting.

NOTE: If you select [ON], the machine does not dial until it detects a dial tone from the exchanger with which the machine is connected. However, there is a situation the machine may not dial although it acquires a dial tone because it is difficult to correspond to all of various dial tones. In this case, turn off the dial tone detection.

- 4 Press [⏏] or [⏏] to select “On” or “Off” for the Line 2, then press [Enter] to save the setting.

DialTone Detect2:Off
▼/▲/Enter

□ Transmit line mode setting

The machine asks you to determine whether the telephone line should be chosen automatically or manually.

- 5 Press [⏏] or [⏏] to select “Auto” or “Manual”, then press [Enter] to save the setting.

Line Mode	:Auto
▼/▲/Enter	

- 6** When you select “Manual”, the machine will prompt you to set the main line. If you select “Auto”, skip this step.

Press [↵] or [↶] to select the main line that will be used if you do not specify the line manually at the transmission, then press [Enter] to save the setting.

Main Line : Line 1
▼/▲/Enter

- ❑ Comm. Line setting (for the Line 1)

- 7** Set the appropriate dialing type for the Line 1.
Press [↵] or [↶] to select either “Tone” or “Pulse”, then press [Enter] to save the setting.

Phone Type1 : Tone
▼/▲/Enter

- ❑ Tx/Rx setting (for the Line 1)

NOTE: This setting will not appear when “Manual” was selected in the Transmit line mode setting (see step 5 on page 1-12).

- 8** Set the Tx/Rx setting for the Line 1.
Press [↵] or [↶] to select either “Tx/Rx”, “Tx” or “Rx”, then press [Enter] to save the setting.

Tx/Rx1 : Tx/Rx
▼/▲/Enter

Tx/Rx — The phone line will be used for sending and receiving.
Tx only — The phone line will be used only for sending.
Rx only — The phone line will be used only for receiving.

- ❑ Line type setting (for the Line 1)

NOTE: This setting will not appear when “Manual” was selected in the Transmit line mode setting (see step 5 on page 1-12).

- 9** Press [↵] or [↶] to select either “PSTN” or “PBX”, then press [Enter] to save the setting.
When your line is connected to a PBX (private branch exchanger), select [PBX].

Line Type1 : PSTN
▼/▲/Enter

- 10** When you select “PBX”, the machine will prompt you to enter the PSTN access number.

If your line is able to reach an outside line, enter a certain number – 9, for example – to access a PSTN from your PBX, then press [Enter] to save the setting.

If your PBX does not need an access number to make a PSTN call (to reach an outside line), press [Enter] without entering an access number.

PSTN Access No.

—

- ❑ Registering your fax number (for the Line 1)

- 11** Use the numeric key to enter the fax number for the Line 1, then press [Enter] to save the setting.

The registered fax number will be printed at the top of every page you send with the usual TTI. Up to 20 digits can be registered.

Your Fax Number1

—

To enter a “+” symbol before your country code:
Press [Pause /Dial Options].

To enter the hyphen “-” to make long numbers easier to read:
Press [Pause /Dial Options] twice.

If you make a mistake, press [Cancel] to erase the digit on the left.

- ❑ Comm. Line setting (for the Line 2)

- 12** Set the appropriate dialing type for the Line 2.
Press [$\hookleftarrow$] or [$\hookrightarrow$] to select either “Tone” or “Pulse”, then press [Enter] to save the setting.

Phone Type2 :Tone
▼/▲/Enter

❑ Tx/Rx setting (for the Line 2)

NOTE: This setting will not appear when “Manual” was selected in the Transmit line mode setting (see step 5 on page 1-12).

- 13** Set the Tx/Rx setting for the Line 2.
Press [⏏] or [⏏] to select either “Tx/Rx”, “Tx” or “Rx”, then press [Enter] to save the setting.

Tx/Rx2	:Tx/Rx
▼/▲/Enter	

Tx/Rx — The phone line will be used for sending and receiving.

Tx only — The phone line will be used only for sending.

Rx only — The phone line will be used only for receiving.

❑ Line type setting (for the Line 2)

NOTE: This setting will not appear when “Manual” was selected in the Transmit line mode setting (see step 5 on page 1-12).

- 14** Press [⏏] or [⏏] to select either “PSTN” or “PBX”, then press [Enter] to save the setting.
When your line is connected to a PBX (private branch exchanger), select [PBX].

Line Type2	:PSTN
▼/▲/Enter	

- 15** When you select “PBX”, the machine will prompt you to enter the PSTN access number.

If your line is able to reach an outside line, enter a certain number – 9, for example – to access a PSTN from your PBX, then press [Enter] to save the setting.

If your PBX does not need an access number to make a PSTN call (to reach an outside line), press [Enter] without entering an access number.

PSTN Access No.
—

❑ Registering your fax number (for the Line 2)

- 16** Use the numeric key to enter the fax number for the Line 2, then press [Enter] to save the setting.

The registered fax number will be printed at the top of every page you send with the usual TTI. Up to 20 digits can be registered.

Your Fax Number2

—

To enter a “+” symbol before your country code:
Simply press [Pause /Dial Options].

To enter the hyphen “-” to make long numbers easier to read:
Simply press [Pause /Dial Options] twice.

If you make a mistake, press [Cancel] to erase the digit on the left.

❑ Registering the TTI

You can register up to three TTI.

- 17** Use the numeric key to enter a name (ex. company name) as your TTI 1, then press [Enter] to save the setting.

TTI 1 ;Upper

—

- 18** Use the numeric key to enter a name (ex. company name) as your TTI 2, then press [Enter] to save the setting.

TTI 2 ;Upper

—

- 19** Use the numeric key to enter a name (ex. company name) as your TTI 3, then press [Enter] to save the setting.

TTI 3 ;Upper

—

NOTE: If you do not want to register the TTI, press [Enter] with no entering characters.

❑ Usual TTI setting (for the Line 1)

Select the default TTI.

- 20** Press [↵] or [↵] to select the usual TTI for the Line 1, then press [Enter] to save the setting.

Usual TTI1	:	TTI 1
▼/▲/Enter		

The selected TTI will be printed at the top of every page you send with your fax number 1 via the Line 1.

❑ Usual TTI setting (for the Line 2)

Select the default TTI.

- 21** Press [↵] or [↵] to select the usual TTI for the Line 2, then press [Enter] to save the setting.

Usual TTI2	:	TTI 1
▼/▲/Enter		

The selected TTI will be printed at the top of every page you send with your fax number 2 via the Line 2.

- 22** Press [Reset] to exit the User Install mode.

Transmission

- NOTE:**
- Real time transmission is available only on Line 1.
 - You cannot manually redial when you transmitted over the Line 2.
 - Sending and receiving documents using monitor or the handset are only available over the Line 1, regardless of the preset line mode.
-

Dialing to a PSTN

Enter the remote fax number, and press [Start].

If you select the number using a one-touch key or Address Book Entry, there is no need to press [Start].

If transmission fails, confirm that you performed the settings correctly.

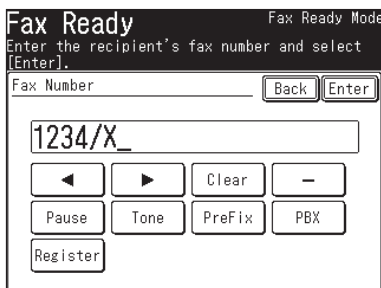
Dialing within a PBX

If you have selected “PBX” for the line you’re using on your machine, you must enter the “/X” character when dialling from one PBX extension to another PBX extension. This character tells your machine not to dial the PSTN access code, which your machine uses to reach an outside line.

PBX dialing with the numeric keys

For fx2080 users

- 1 Use the numeric keys to enter an extension number.
- 2 Press [PBX] to enter the “/X” character.



- 3 Press [Start] to dial the number.

For sx1480 users

- 1** Use the numeric keys to enter an extension number.
- 2** Press [Pause /Dial Options] repeatedly until “X” character is displayed and press [Enter].

Press Start 1234/X

- 3** Press [Start] to dial the number.

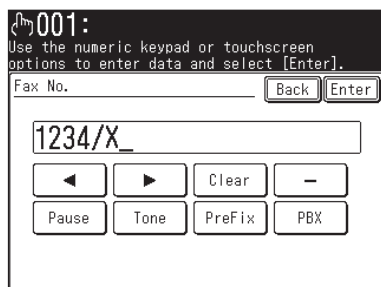
PBX dialing with the autodialler

If using the autodialler (includes the batch transmission and programmable one-touch) to dial from one PBX extension to another, you must include the “/X” character into the autodialler number you programmed, as described below.

NOTE: The following instructions presume you are familiar with how to set and use your machine’s autodialler. If necessary, consult your machine’s manual.

For fx2080 users

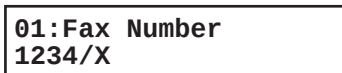
- 1 Use the numeric keys to make a normal address book entry. Enter the number exactly as your machine should dial it.
- 2 Press [PBX] to enter the “/X” character.



- 3 Press [Enter] to save the number.
- 4 Autodial the number as usual by using the address book.

For sx1480 users

- 1 Use the numeric keys to make a normal autodialler entry. Enter the number exactly as your machine should dial it.
- 2 Press [Pause /Dial Options] repeatedly until “/X” character is displayed and press [Enter].



- 3 Enter a name and press [Enter].
- 4 Autodial the number as usual, either using a one-touch key or a speed-dial number.

Manual line selection

When you have selected “Manual Select” or “Manual” in the Transmit line mode setting, you can select the line manually for each transmission.

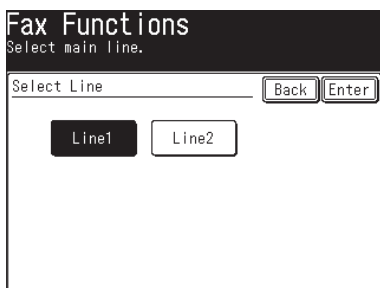
When you perform a batch transmission, fax forwarding or F-code relay transmission, you cannot select the line. The machine will transmit using the line designated as the main line in the Transmit line mode setting.

NOTE: If necessary, refer to the “Transmit line mode” setting described on page 1-9 for fx2080, or on page 1-12 for sx1480.

Selecting the phone line manually

For fx2080 users

- 1 Change to the Fax mode by pressing [FAX].
- 2 Press [Others] on the standby screen.
- 3 Press **Next**.
- 4 Press [SelectLine].



- 5 Select the line to use, and press [Enter].
- 6 Enter the remote fax number using an Address Book Entry or the numeric keys.

For sx1480 users

- 1** Change to the Fax mode by pressing [FAX ▶ COPY ▶ SCAN].
- 2** Press [Advanced Functions] repeatedly until “Select Line” appears, then press [Enter].

– or –

If you assigned “Select Line” to a soft key (see User Manual), simply press that key.

Select Line :Line 1 ▼/▲/Enter
--

- 3** Press [] or [] to select “Line 1” or “Line 2”, then press [Enter].
- 4** Enter the remote fax number using a one-touch key, speed-dial or the numeric keys.

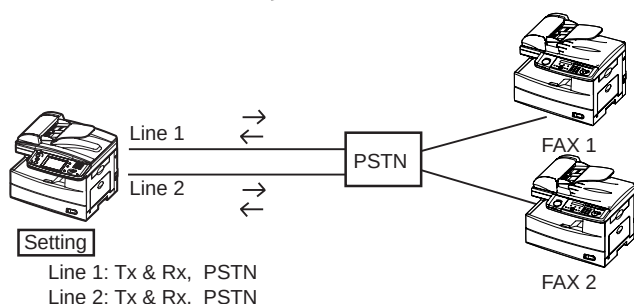
Example of use

The phone line settings you configured in the User install mode (page 1-2) control the way your machine will communicate using two phone lines.

Review these conditions to see how your machine can be used when installed on standard telephone lines, called PSTN lines, and when it is installed behind a PBX, and when it is installed on both a PSTN and a PBX phone line.

NOTE: In these situations, Tx is used as the abbreviation for Transmission, and Rx is used as the abbreviation for Reception.

(1) If Line 1 and Line 2 are set for outside line (PSTN) use



Dialing in this situation:

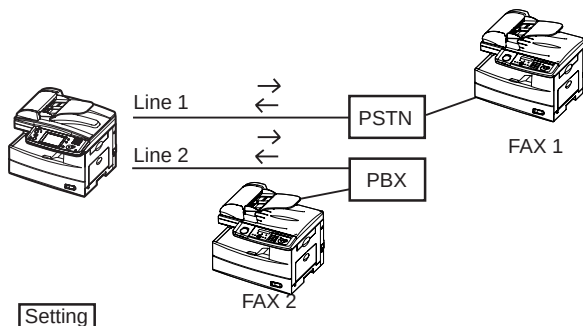
- 1** Enter the remote fax number using a one-touch key, Address Book Entry or using the numeric keys.
- 2** Press [Start] (no needed for one-touch keys or Address Book Entry).

Your machine will always attempt to communicate using Line 1.

If Line 1 is busy, your machine will attempt to communicate using Line 2.

If your machine is configured to this setting, the machine can transmit and receive documents with both Line 1 and Line 2 over an outside phone line.

(2) If Line 1 is set PSTN and Line 2 is set to PBX (PSTN access number is not registered)



PSTN dialing in this situation:

- 1** Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys.
- 2** Press [Start] (no needed for one-touch keys or Address Book Entry).

You can only use Line 1 when your machine is in this mode. Your machine will not attempt to communicate over an outside line (PSTN) using Line 2.

PBX dialing in this situation:

- 1** Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys. The character “X” must be placed after the number in order to dial within a PBX. (See page 2-1.)

Remember: The “X” character must be entered when you set-up a one-touch key or Address Book Entry that will be used on an inside line (PBX). This character cannot be inserted after you press the one-touch key or Address Book Entry.

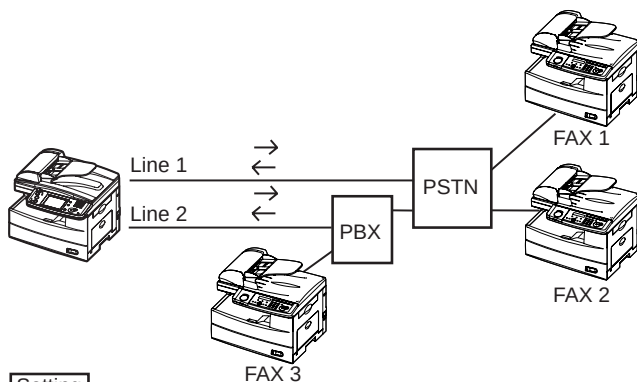
- 2** Press [Start] (no needed for one-touch keys or Address Book Entry).

You can only use Line 2 when your machine is in this mode. Your machine will not attempt to communicate over an inside line (PBX) using Line 1.

If your machine is configured to this setting, the machine will have one exclusive outside line and one exclusive inside line. If you are receiving a document over Line 1 (outside line), you will not be able

to send a fax over Line 1 until reception is complete. If you are sending a document over the inside line, you will not be able to receive a document over the inside line until transmission is complete.

(3) If Line 1 is set PSTN and Line 2 is set to PBX (PSTN access number is registered)



Setting

Line 1: Tx & Rx, PSTN

Line 2: Tx & Rx, PBX (PSTN access number is registered.)

PSTN dialing in this situation:

- 1 Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys.
- 2 Press [Start] (no needed for one-touch keys or Address Book Entry).

Your machine will always attempt to communicate by using Line 1 first. If Line 1 is busy and you have registered Line 2 for outside access, the machine will attempt to communicate with an outside fax using Line 2.

PBX dialing in this situation:

- 1 Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys. The character “/X” must be placed after the number in order for the message to be sent. (See page 2-1.)

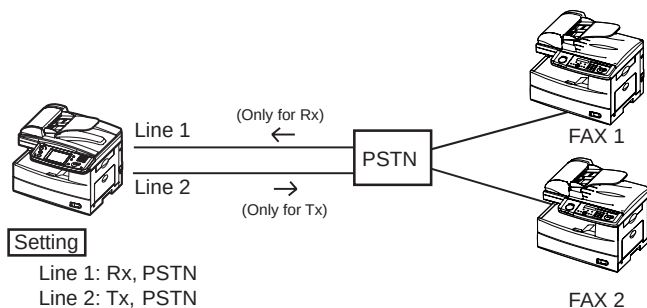
Remember: This character must be registered when you set-up a one-touch key or Address Book Entry that will be used on an inside line (PBX). This character cannot be registered after you press the one-touch key or Address Book Entry.

- 2 Press [Start] (no needed for one-touch keys or Address Book Entry).

In this mode your machine will always attempt to communicate using Line 2. If Line 2 is busy, the machine will not attempt communication over Line 1.

If your machine is configured to this setting, you can transmit documents over outside line using Line 1 or Line 2. Line 1 is the main line for outside communication, but if that line is busy (and you have entered your outside access number, usually "9") your machine will attempt to transmit documents over Line 2. This mode will only allow communication over an inside line using Line 2.

(4) If you transmit and receive documents equally on a regular basis.

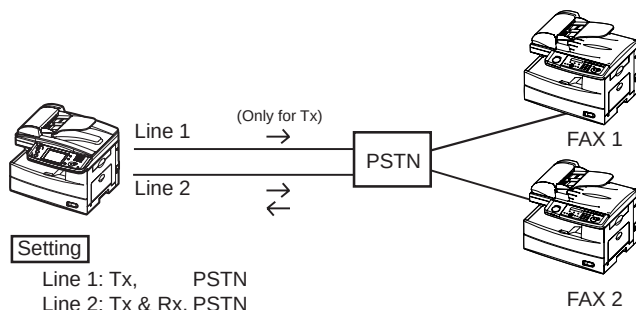


Dialing in this situation:

- 1** Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys.
- 2** Press [Start] (no needed for one-touch keys or Address Book Entry).

If your machine is configured to this setting, Line 1 will exclusively transmit documents but will not receive them. Line 2 will be the exclusively receive documents, but will not transmit documents.

(5) If you transmit documents more often than you receive them.



Dialing in this situation:

- 1** Enter the remote fax number using a one-touch key, Address Book Entry or by using the numeric keys.
- 2** Press [Start] (no needed for one-touch keys or Address Book Entry).

The machine will always attempt to transmit documents using Line 1. If Line 1 is busy, the machine will attempt to transmit using Line 2. The machine will only receive documents over Line 2, if Line 2 is busy, your machine will have to wait until the current reception is finished before it will receive the next incoming document.

Appendix

Error code

Occasionally, your machine will detect a problem with the phone line during transmission. If this happens, your machine will print an error report. The error code listed in the “Result” column of the error report indicates the specific problem.

The following error codes are in addition to the error codes listed in the user’s guide of your machine:

- D.0.10 The call couldn’t be completed. This occurs when the communication type for both phone lines is set to Rx (receive-only).
- D.0.12 The call couldn’t be completed. The phone line type is set to PSTN, but the telephone number dialed is a PBX extension.
- D.0.13 The call couldn’t be completed. The phone line type is set to PBX, but the telephone number dialed is a PSTN number. You must register a PSTN access number to reach an outside line.
- R.1.5 The fax machine didn’t detect the silence at the end of the call, which is necessary to receive an RCR.
- R.8.1 A compatibility error has occurred.
- R.8.10 Line noise or other problems prevented communication.
- R.8.11 The fax machine timed out while waiting for a signal.
- T.3.2 The fax machine didn’t detect silence which marks the end of a call.
- T.8.1 A compatibility error has occurred.
- T.8.10 Line noise or other problems prevented communication.
- T.8.11 The remote fax machine didn’t complete the equalizer training phase.

“Check Message” printouts

If a fax call ends and your machine detects an error, it will print a “Check Message” report. This printout lists the following information:

- The error code.
- A communications error messages (see below).
- The phone number (or TTI) of the remote fax machine.
- The phone line number (line #1 or line #2 on your machine).

Error messages and their meanings

The error messages below are in addition to those listed in the “Error Message” section of your machines operating instructions:

Error code	Error message	Possible meanings
D.0.10	Confirm line setting	The machine couldn't call because the line is set for reception only.
	Check the Tx and Rx settings	
D.0.12	Check PBX/PSTN Setting	The machine couldn't call because the location number contains a dialing character (/X) for PBX, but the line is set for an outside line (PSTN).
	Check no. dialed and line type	
D.0.13	Check PBX/PSTN Setting	The machine couldn't call because the line is an inside line, and the location number does not contain a PSTN access number.
	Check no. dialed and line type	
T.3.2 T.8.1 T.8.10 T.8.11 R.1.5 R.8.1 R.8.10 R.8.11	Check condition of remote fax	The line or the remote fax machine prevented communication.

Communication setting

Your machine has three communication settings:

- Tx/Rx (Transmit/Receive) — You can send and receive calls/faxes.
- Tx (Transmit) — You can only call/transmit faxes.
- Rx (Receive) — You can only receive calls/faxes.

Phone line type setting

The following types of telephone line can be used:

- PSTN — A regular phone number.
- PBX — A PBX extension.
- PSTN call placed from a PBX.

Each telephone number is characterized by:

- The phone line type.
- Dialing method — either using the autodialer or direct input.

The following table shows possible combinations, using the common PSTN access number “9” as an example for getting an outside line:

	Line type setting	PSTN access number	Entered number	The machine dials:
Case 1	PSTN	None	123-456-7890 (PSTN dialing)	1234567890
Case 2	PSTN	None	1234/X (PBX dialing)	An error will occur
Case 3	PBX	“9” has been registered	123-456-7890 (PSTN dialing)	91234567890
Case 4	PBX	“9” has been registered	1234/X (PBX dialing)	1234
Case 5	PBX	Not registered	123-456-7890 (PSTN dialing)	An error will occur
Case 6	PBX	Not registered	1234/X (PBX dialing)	1234

Specifications

	Second phone line
Compatibility	ITU-T Super Group 3, Group3
Transmission speed	Under 3 seconds (with 33600 bps) *
Coding method	MH/MR/MMR/JBIG/MSE (Independent)
Modem speed	33600, 31200, 28800, 26400, 24000, 21600, 19200, 16800, 14400, 12000, 9600, 7200, 4800, 2400 bps (Automatic selection)

* Based on transmission of ITU-T Test Document 1 to an Imagistics fax machine. Your transmission times will vary, but your fax machine always will provide the fastest transmission speeds possible under ITU-T guidelines and phone-line conditions.



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